IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOV 1 6 7005 Applicants

: Martin Kiesel et al.

rial No.

: 10/646,402

Filed

: August 22, 2003

For

: ELECTRONIC FINGERPRINTS FOR

MACHINE CONTROL AND PRODUCTION

MACHINES

Examiner

: Zoila E. Gabrera

Group Art Unit

: 2125

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to:

Mail Stop Amendment

Commissioner for Patents

P.O. BOX 1450

Alexandria, VA 22313-1450

Scott Weingaertner

Name of Sender

PTO Reg. No.

Signature

Date of Signature

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO/SB/08A. Applicants respectfully request that the Examiner consider the listed documents, initial the enclosed Form PTO/SB/08A to indicate such consideration, and return a copy of the initialed Form PTO/SB/08A to Applicants.

11/17/2005 CNGUYEN 00000010 231703 10646402

02 FC:1806

180.00 DA

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b). Other than listed U.S. patents and published applications, copies of all other listed documents are provided.

Pursuant to 37 C.F.R. §1.97(h), the submission of this Information Disclosure Statement shall not be construed to be an admission that any document cited in the Statement is, or is considered to be, material to patentability.

A copy of the Kief article is accompanied by an English language translation.

Regarding the Rembold and Levi, pursuant to 37 CFR §1.98(a)(3)(i) the article relates to real time programming language elements including embedded elements. It particularly describes the PEARL (Process and Experiment Automation Realtime Language), its language concepts, data types, and task management, and provides several programming examples, including ones having to do with producer/consumer, read/write and data concurrence problems. Finally, it describes the CONCURRENT PASCAL language and provides examples.

As part of this communication, Applicants are providing English language abstracts for German-language patent documents DE 196 15 190 and DE 199 30 660.

Applicants are not providing an English-language translation of WO 99/02366, published in the Japanese language. An English-language abstract is provided on the first page of the published WO 99/02366 application.

Applicants are not providing an English-language translation of German-language document XP02221129, "Realzeitsysteme zur Prozessautomatisierung," cited on Form PTO-1449. This document is cited in the ISR for PCT/EP02/07513, and its relevance is discussed in the ISR.

Applicants are providing a partial English-language translation of document "NC/CNC Handbuch," cited on Form PTO-1449 and published in the German language. The document,

NEWYORK 5240475 (2K) -2-

1140668-0015CON

including the partial translation, is directed to general background information on NC and CNC

controllers.

Document EP 875,023, cited on Form PTO-1449, contains the entire disclosure of

WO 97/26587, published in the German language. Applicants are providing a copy of

US 6,263,487, which is an English-language member of the same patent family as EP 875,023.

Time of Transmittal of Supplemental Information Disclosure Statement

This Supplemental Information Disclosure Statement is being filed after issuance of the

first office action and prior to allowance. Applicants authorize the Assistant Commissioner to

charge the fee of \$180.00, and any additional fee that may be necessary in connection with this

communication, to Deposit Account No. 23-1703.

Dated: 11 November 2005

Respectfully submitted,

Scott T. Weingaertne

Reg. No. 37,756

Customer No. 007470

Agent's Direct Dial: (212) 819-8404

Enclosures

-3-NEWYORK 5240475 (2K)

NOV 16 7MS Appropri

PTO/SB/08A (08-03) (modified)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3 Attorney Docket Number

_	Con	plete if Known
	Application Number	10/646,402
	Filing Date	August 22, 2003
	First Named Inventor	Kiesel et al.
	Art Unit	2125
	Examiner Name	Zoila e. Gabrera
_	Attorney Docket Number	1140668-0015CON

Examiner	Cite	Document Number	Publication Date	Name of Patentee	Pages, Columns, Lines, Where
Initials	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages/Figures Appea
		US-5,726,912	03-1998	Krall	
		US-6,473,656	10-2002	Langels, et al.	
		US-6,338,003	01-2002	Kamguchi, et al	
		US-5,978,578	11-1997	Azanya, et al.	
		US-5,452,201	09-1995	Pieronek, et al.	
		US-5,742,824	04-21-1998	Kosaka	
		US-5,844,795	12-01-1998	Johnston, et al.	
		US-5,805,442	09-8-1998	Crater, et al.	
		US-5,975,737	11-2-1999	Crater, et al	
		US-6,298,308	10-02-2001	Reid et al.	
		US-6,445,969	09-03-2002	Kenney et al.	
		US-6,061,603	05-09-2000	Papadopolous et al.	
		US-6,560,513	05-06-2003	Krause et al.	
		US-6,779,195	09-28-2004	Thibault et al.	
		US-6,556,956	04-29-2003	Hunt	
		US-6,507,765	01-14-2003	Hopkins et al.	
		US-6,026,348	02-15-2000	Hala	
		US-5,844,808	12-01-1998	Konsmo et al.	
		US-5,469,352	11-21-1995	Yukutomo et al.	
		US-5,224,051	06-29-1993	Johnson	
		US-4,531,182	07-23-1985	Hyatt	
-		US-5,291,416	03-01-1994	Hutchins	
		US-5,860,068	01-12-1994	Cook	
		US-6,393,380	05-21-2002	Zemlo	
		US-6,463,352	10-08-2002	Tadokoro et al.	
		US-2001/0049567	12-06-2001	Takeuchi	
		US-2002/0007422	01-17-2002	Bennett	
		US-2002/0013639	01-31-2002	Fujishima et al.	
		US-2002/0083145	06-27-2002	Perinpanathan	
		US-6,385,497	05-2002	Ogushi et al.	
· · · · · · · · · · · · · · · · · · ·		US-3,882,305	05-06-1975	Johnstone	
		US-4,901,218	02-13-1990	Cornwell	
		US-6,094,600	07-25-2000	Sharpe, Jr. et al.	
		US-6,263,487	07-17-2001	Stripf et al.	
Examiner Si	anature			Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document will be suffered by 100 for 100 for

1140668-0015CON

PTO/SB/08A (08-03) (modified) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

0.1.44.6	C 1440/PTO			Complete if Known		
Substitute 10	r form 1449/PTO			Application Number	10/646,402 August 22, 2003 Kiesel et al.	
		ON DIGGI	OCUDE	Filing Date		
-	INFORMATI	ON DISCL	OSURE	First Named Inventor		
	STATEMENT	BY APPL	ICANT	Art Unit	2125	
		y sheets as necessar		Examiner Name	Zoila E. Gabrera	
Sheet	2	of	3	Attorney Docket Number	1140668-0015CON	

			U.S. P.	ATENT	C APPLICA	ATIO	ONS		
Examiner	Cite		Document Number		ation Date		Name of Patentee	Pages, Columns, Lines, W	
Initials*	No.1		Number-Kind Code ^{2 (if known)}	MM-L			icant of Cited Document	Relevant Passages/Figures A	Грреаг
		09/950					ler et al.		
		09/950	<u> </u>				ler et al.		
		09/950	,				ler et al.		
		10/052		I DAT	ENT DOC		ler et al.		
Examiner Initia	le* I	Cite No.1	Foreign Patent Document	NFAI	Publication		Name of Patentee or	Pages, Columns, Lines,	1
Examiner unita	113		Country Code ³ -Number ⁴ -Kind Code <i>known</i>)	⁵ (if	MM-DD-Y		Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	T ⁶
			EP 0512 116 A1		11-11-199	92	Ikeda et al.		
			EP 0 051 861 A2		05-19-198	82	Johnstone		
			EP 0 428 735 A1		05-29-199	91	Kawamura et al.		
			EP 0 822 473A3		02-04-199	98	Ogushi et al.		
			EP 0 875 023		07-17-200	01			*
_			EP 1 102 185A2		05-23-200	01	Kliman et al.		
			EP 1 115 080		07-11-200	01	Rosenfeld et al.		
			WO 00/62138		10-19-200	00	Maki		
			WO 00/73955 A2		12-07-200	00	Guheen et al.		
			WO 01/50704 A2		07-12-200	01	Papadopolous et al.		
			DE 196 15 190 A1		10-23-199	97	Speidel		•
			DE 199 30 660		01-11-200	01	Hohne		*
			NON PATEN						
Examiner Initia	ile I	Cite No.	Include name of the author (in 6 magazine, journal, serial, symposit			age(s)	, volume-issue number(s), pu		T
			EDGAR DITTMAR, "Using O Germany, Vol. 77, No. 1/2, Fe					erlag K.G., Würzburg,	*
			Hans B. Kief: "NC/CNC Hand pages 238-242; 296-297; and	lbuch", 318-319	1995, Carl H	anser	Verlag, München Wien		
			U. Rembold, P. Levi: Realzeit pp. 624-625; pp. 638-651; pp. 6		zur Prozessa	utom	natisierung, 1994, Hanse	r Verlag, München,	
			Artikel Bosch "Typ3 osa November 2001	The u	ıniversal N	 VC, I	PLC, and PC contro	l system", 12	
Examiner Sign	ature						Date Considered		

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible." Applicant is to place a check mark here if English langer Translation is antached. This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1140668-0015CON

PTO/SB/08A (08-03) (modified)
Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE eduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

21	. C 1.4	40/DTO	Complete if Known						
ubstitute for	r torm 14	49/P10	Application Number 10/646,402						
TN	TEAD	MATION DISCLOSURE	Filing Date	August 22, 2003 Kiesel et al.					
			First Named Inventor						
S	ΓΑΤΙ	EMENT BY APPLICANT	Art Unit	2125					
		(Use as many sheets as necessary)	Examiner Name	Zoila E. Gabrera					
Sheet		3 of 3	Attorney Docket Number	1140668-0015					
		NON PATENT LITE	RATURE DOCUMENTS						
Examiner	Cite	Include name of the author (in CAPITAL LETTERS),		le of the item (book, magazine, journal,					
initials*	No.		, volume-issue number(s), publisher, city and/or country where published.						
		R. Fernandez: "An Object-Oriented In Algorithms in the Microsoft Windows Symposium on Intelligent Control, M pages 229-235	s/C++ Environment", Proce	edings of the International					
		Naoki Ura et al: "Remote Maintenance Function for Distributed Control System", Advances in Instrumentation and Control, Instrument Society of America, Research Triangle Park, US, vol. 48, Part 3, 1993, pages 1557-1564, XP000428426							
		DOD Standard Transmission Control January 1980, pp. 1-83	Control Protocol, Information Sciences Institute, USA,						
		Michael Kmiec: "PhorSale 1.0.8B – AphorSale.sq1", Online!, 14 Jun 2001,	An eCommerce application for PHP and mySQL, File: , FRESHMEAT:NET, XP002219121						
		Judith S. Bowman, Sandra L. Emerson 1998, Addison Wesley, Reading, Mas	on et al.: "The Practical SQL Handbook", September ssachusetts, XP002219122, page 63						
			ared Manufacturing Services on the World-Wide Web", for Computing Machinery, New York, US, vol. 39, no.						
		International Search Report for PC	T/EP02/07511						
		International Search Report for PC	T/EP02/07512						
		International Search Report for PC	T/EP02/07513						
		International Search Report for PC	T/EP02/07514						
		Abstract of WO 01/02891 A2, publish	shed January 11, 2001						
		Abstract of WO 97/39393, published	October 23, 1997						
		Abstract of WO 90/02366, published	March 8 1990						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English langer translation is standard. This collection of information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.